

## ABSTRACT

A complex matrix is constituted by at least one biocompatible polymer of natural origin, cross linked and to which are grafted small chains of a molecular weight less than 50,000 Da with an amount of grafting of 10 to 40%, as well as a process for preparation of a biocompatible matrix that is partly degradable, constituted by at least one polymer of natural origin, consisting: on the one hand, grafting small chains of molecular weight less than 10,000 Da, with a grafting amount of 10 to 40%, on the other hand, cross linking the principal polymer chains to create a homogeneous matrix.